

UTILITY PATENT APPLICATION  
TRANSMITTAL with FEE TRANSMITTAL

(Only for new nonprovisional applications under 37CFR 1.53(b))

Attorney Docket No. AMPC 4986

First Named Inventor John L. Johnson

Title An Optical System for Certain Mathematical Operations

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Filing Fee included (hereinbelow)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [ Total Pages 10 ]  
(Preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross reference to related applications
  - Statement regarding Fed sponsored R&D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - BRIEF Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [ Total Sheets 3 ]
4. Oath or Declaration [ Total Pages 1 ]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 12 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Application Data Sheet. See 37CFR 1.76
6. ☐ Assignment Papers (cover sheet & document(s))
7. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)  
☐ Power of Attorney
8. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
9. ☐ Preliminary Amendment
10. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
11. ☐ Other: \_\_\_\_\_

12. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

## FEE TRANSMITTAL ELEMENTS

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-2201

Deposit Account Name Headquarters, U.S. Army  
Material Command☒ Charge Any Additional Fee Required Under  
37 CFR 1.16 and 1.17

## LARGE ENTITY FEE CALCULATION

	FEE CODE	FEE PAID
1. Basic Filing Fee - (Utility)	101	740.00
2. Independent claims in excess of 3	102	
3. Claims in excess of 20	103	
4. Additional Fees		
5. Other Fees (specify)		
Enter Total here and in the "TOTAL AMOUNT OF PAYMENT"		740.00

CORRESPONDENCE ADDRESS: Legal Office  
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Name (Print/Type)	Freddie M. Bush	Registration No. (Attorney/Agent)	27,616
Signature	<i>Freddie M. Bush</i>	Date	18 December 2001

This form is based on information taken from USPTO Forms PTO-FB-A510, PTO/SB/05 (03-01) and PTO/SB/17 (10-01)

DEPARTMENT OF THE ARMY  
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